Recursive Gravity Network Hypothesis

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Concept Summary

This document summarizes a speculative conceptual framework proposed by Minh Malcolm Hai Nguyen. It is presented as a hypothesis rather than an established scientific theory.

Core Ideas
• Loop Gravity: Gravity may arise from recursive microscopic structures rather than existing only as a static field.
• Gravity Condensation: Stable spacetime curvature emerges through increasing coherence of these structures.
• Gravity Cycles: Gravity around a body is maintained by ongoing recursive cycles instead of being purely static.
• Gravity Climate: Every massive object contributes to a continually changing gravitational environment as bodies move through space.
• Nested Gravity Wells: Gravity wells may form a hierarchical network, where local wells exist within larger wells (planetary, stellar, galactic).
• Recursive Gravity Network: Interacting gravity wells may produce large-scale patterns analogous to interference among many wave sources.

Analogy
Lightning exhibits branching, fractal-like geometry. This hypothesis proposes that gravity may also organize recursively through interacting structures, though current physics does not describe gravity this way. The analogy is intended as inspiration for a mathematical model rather than evidence.

Research Direction
To develop this into a physical theory, the framework would need: 1. Precise mathematical definitions. 2. Testable predictions differing from existing theories. 3. Experimental or observational validation.

This document records the conceptual framework as an initial research draft.